

CLAIMS

1. A linen treatment device with an arrangement for determining the imbalance, characterised in that the arrangement has at least one sensor (14, 21, 22) to measure the temperature profile of a heating device built into the sensor (14, 21, 22), wherein the temperature profile can be altered by an acceleration caused by an imbalance.
2. The linen treatment device according to claim 1, characterised in that the at least one sensor (14, 21, 22) is arranged on the soapy water container (15).
3. The linen treatment device according to claim 1 or claim 2, characterised in that the at least one sensor (14, 21, 22) is arranged on a lever device (27) connected to the soapy water container (15).
4. The linen treatment device according to any one of claims 1 to 3, characterised in that the at least one sensor (14, 21, 22) is arranged in a damper (18, 19) which suppresses vibrations of the soapy water container (15), in a holder or in a foot of the linen treatment device.
5. The linen treatment device according to any one of claims 1 to 4, characterised in that the at least one sensor (14, 21, 22) is arranged below the upper outer surface of the linen treatment device.
6. The linen treatment device according to claim 5, characterised in that the at least one sensor (14, 21, 22) is arranged visibly.

7. The linen treatment device according to claim 5, characterised in that the value measured by the at least one sensor (14, 21, 22) can be displayed on a display device (11, 12, 13).
8. The linen treatment device according to claim 3 or claim 4, characterised in that a measuring device is provided in which the mass can be determined from the signal measured by the at least one sensor (14, 21, 22).
9. The linen treatment device according to claim 8, characterised in that a display device (11, 12, 13) is provided to display the mass of the linen.
10. The linen treatment device according to claim 9, characterised in that a warning device is provided to emit a warning signal when the linen treatment device is overloaded.
11. A household device (20), especially according to any one of claims 1 to 10, characterised in that at least one sensor (14, 21, 22) is provided to measure a temperature profile of a heating device built in the sensor (14, 21, 22) wherein the temperature profile can be altered by the position of the household device (20) relative to the direction of the vector of the acceleration due to gravity.
12. The household device (20) according to claim 11, characterised in that four sensors (14, 21, 22) respectively allocated to the corners of the household device (20) are provided.
13. The household device (20) according to claim 11 or claim 12, characterised in that optical or

acoustic display means in communication with the sensors (14, 21, 22) are provided either at the household device (20) itself or connected thereto via a network either via leads or by radio, by which means the user obtains information on the adjustment of the linen treatment device.

14. The household device (20) according to claim 11 or claim 12, characterised in that servomotors are provided to adjust the height of the household appliance on the basis of data determined by the sensors (14, 21, 22).
15. The household device (20) according to claim 11 or claim 12, characterised in that a pneumatic or hydraulic compressed-air line is provided by which means the height of the household device (20) can be adjusted on the basis of data determined by the sensors (14, 21, 22).
16. The household device (20), especially a baking oven, especially according to at least one of the preceding claims, with at least one sensor (30, 31) for measuring a temperature profile produced by a heating device built in the sensor, wherein the temperature profile can be altered by the position of a sheet-metal guide frame (34) movable in the vertical direction by means of springs (35-38) in the household appliance.
17. The household device (20), especially a dishwasher, especially according to at least one of the preceding claims, with at least one sensor (40) for measuring a temperature profile produced by a heating device built in the sensor, wherein the sensor (40) is built in a spray arm (41) and

the temperature profile can be altered by the rotating movement of the spray arm (41).

18. The household device (20) according to claim 17, characterised in that the spray arm (41) is connected to the electrical lead of a fixed frame via a sliding contact (43) and that the sensor (40) can be supplied with current via the electrical lead or that instead of the sliding contact (43), there is a radio connection to the sensor (40).